## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/792,020 Confirmation No.: 1366

Applicant : Khushroo Gandhi et al.

Filed : 03/03/2004

TC/A.U. : 1743 Examiner : Unknown

Docket No. : 100/03740 Customer No. : 021569

Title : Microfluidic Devices and Systems Incorporating Cover Layers

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **INFORMATION DISCLOSURE STATEMENT**

Sir:

The references cited on the attached form PTO-1449 are being called to the attention of the Examiner. All references have been cited previously in the applications that this application relies on for priority under 35 USC 120. Copies of documents are therefore not being provided pursuant to 37 CFR §1.98(d). If copies of the references are not available to the Examiner, the Examiner is invited to contact the undersigned.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is made that a search has been conducted or that this statement encompasses all possible relevant information.

U.S. Patent App. No. 10/792,020 filed 03/03/04 Khushroo Gandhi et al.

Information Disclosure Statement filed 07/19/2006

Applicant believes that no fee is required in the submission of the enclosed Information Disclosure Statement since it is being filed within three months of the filing date or prior to the first office action. If a fee is required, authorization is hereby given to charge the total of any such fee to Deposit Account No. 03-0177 referencing Docket No. 100/03740.

Respectfully submitted,

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| Substitute for form 1449A-B/PTO   | Complete if Known                    |            |  |
|-----------------------------------|--------------------------------------|------------|--|
|                                   | Application Number                   | 10/792,020 |  |
| INFORMATION DISCLOSURE            | Filing Date                          | 03/03/2004 |  |
| STATEMENT BY APPLICANT            | First Named Inventor Khushroo Gandhi |            |  |
|                                   | Group Art Unit                       | 1743       |  |
|                                   | Examiner Name                        | Unknown    |  |
| (use as many sheets as necessary) | Attorney Docket Number               | 100/03740  |  |

| Examiner           | Cite | U.S. Patent Document Number Kind Code | I.S. PATENT DOCUMENT  Name of Patentee or Applicant of  Cited Document |                  | Pages, Columns, lines,<br>Where Relevant Passages |
|--------------------|------|---------------------------------------|--|------------------|---|
| Initials           | No.  | (if known)                            |  | MM-DD-YYYY       | or Relevant Figures Appea                         |
|                    | AA   | 3,785,928                             | Kessler  | 01-27-1971       |   |
|                    | AB   | 3,939,623                             | Shine et al.   | 02-24-1976       |   |
|                    | AC   | 4,038,149                             | Liner et al.   | 07-26-1977       |   |
|                    | AD   | 4,252,132                             | Kuntz  | 02-24-1981       |   |
|                    | AE   | 4,390,403                             | Batchelder   | 06-28-1983       |   |
|                    | AF   | 4,493,815                             | Fernwood et al.  | 01-15-1985       |   |
|                    | AG   | 4,908,112                             | Pace   | 03-13-1990       |   |
|                    | АН   | 5,100,627                             | Buican et al.  | 03-31-1992       |   |
|                    | Al   | 5,107,987                             | Palazzolo et al.   | 04-28-1992       |   |
|                    | AJ   | 5,126,022                             | Soane et al.   | 06-30-1992       |   |
|                    | AK   | 5,156,285                             | Zogg et al.  | 10-20-1992       |   |
|                    | AL   | 5,160,704                             | Schluter   | 11-03-1992       |   |
|                    | AM   | 5,180,480                             | Manz   | 01-19-1993       |   |
|                    | AN   | 5,296,114                             | Manz   | 03-22-1994       |   |
|                    | AO   | 5,296,375                             | Kricka et al.  | 03-22-1994       |   |
|                    | AP   | 5,304,487                             | Wilding et al.   | 04-19-1994       |   |
|                    | AQ   | 5,427,946                             | Kricka et al.  | 06-27-1995       |   |
|                    | AR   | 5,484,731                             | Stevens  | 01-16-1996       |   |
|                    | AS   | 5,486,335                             | Wilding et al.   | 01-23-1996       |   |
|                    | AT   | 5,498,392                             | Wilding et al.   | 03-12-1996       |   |
|                    | AU   | 5,571,410                             | Swedberg et al.  | 11-05-1996       |   |
|                    | AV   | 5,585,069                             | Zanzucchi et al.   | 12-17-1996       |   |
|                    | AW   | 5,593,838                             | Zanzucchi et al.   | 01-14-1997       |   |
|                    | AX   | 5,599,432                             | Manz et al.  | 02-04-1997       |   |
|                    | AY   | 5,603,351                             | Cherukuri et al.   | 02-18-1997       |   |
|                    | AZ   | 5,635,358                             | Wilding et al.   | 06-03-1997       |   |
|                    | ВА   | 5,635,403                             | Bailey   | 06-03-1997       |   |
| Examino<br>Signatu |      |                                       |  | ate<br>onsidered |   |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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|                                   | Group Art Unit         | 1743            |  |
|                                   | Examiner Name          | Unknown         |  |
| (use as many sheets as necessary) | Attorney Docket Number | 100/03740       |  |

| E | 3B | 5,637,469 | Wilding et al.   | 06-10-1997 |  |
|---|----|-----------|------------------|------------|--|
| В | 3C | 5,640,995 | Packard et al.   | 06-24-1997 |  |
| Е | 3D | 5,699,157 | Parce            | 12-16-1997 |  |
| Е | 3E | 5,726,026 | Wilding et al.   | 03-10-1998 |  |
| Е | 3F | 5,779,868 | Parce et al.     | 07-14-1998 |  |
| Е | 3G | 5,800,690 | Chow et al.      | 09-01-1998 |  |
| Е | ЗН | 5,842,787 | Kopf-Sill et al. | 12-01-1998 |  |
| Е | 31 | 5,852,495 | Parce            | 12-22-1998 |  |
| Е | 3J | 5,869,004 | Parce et al.     | 02-09-1999 |  |
| Е | 3K | 5,876,675 | Kennedy          | 03-02-1999 |  |
| Е | 3L | 5,880,071 | Parce et al.     | 03-09-1999 |  |
| В | 3M | 5,882,465 | McReynolds       | 03-16-1999 |  |
| В | 3N | 5,885,470 | Parce            | 03-23-1999 |  |
| Е | 30 | 5,958,343 | Astle            | 09-28-1999 |  |
|   |    |           |                  |            |  |

|                      | FOREIGN PATENT DOCUMENTS |        |                      |                                |  |  |   |   |
|----------------------|--------------------------|--------|----------------------|--------------------------------|--|--|---|---|
| Examiner<br>Initials | Cite<br>No.              | Office | Foreign Patent Docum | ent<br>Kind Code<br>(if known) | Name of Patentee or<br>Applicant of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | Т |
|                      | BP                       | WO     | 96/04547             |                                | Ramsey   | 02-15-1996   |   |   |
|                      | BQ                       | wo     | 97/02357             |                                | Anderson et al.                                    | 01-23-1997   |   |   |
|                      | BR                       | wo     | 98/00231             |                                | Parce  | 01-08-1998   |   |   |
|                      | BS                       | wo     | 98/00705             |                                | Parce  | 01-08-1998   |   |   |
|                      | вт                       | wo     | 98/00707             |                                | Chow   | 01-08-1998   |   |   |
|                      | BU                       | wo     | 98/02728             |                                | Parce  | 01-22-1998   |   |   |
|                      | BV                       | WO     | 98/05424             |                                | Chow   | 02-12-1998   |   |   |
|                      | BW                       | wo     | 98/22811             |                                | Parce  | 05-28-1998   |   |   |
|                      | вх                       | WO     | 98/45481             |                                | Knapp  | 10-15-1998   |   |   |
|                      | BY                       | WO     | 98/45929             |                                | Nikiforov  | 10-15-1998   |   |   |
|                      | BZ                       | wo     | 98/46438             |                                | Parce  | 10-22-1998   |   |   |
|                      | CA                       | wo     | 98/49548             |                                | Dubrow   | 11-05-1998   |   |   |

| Examiner  | Date       |  |
|-----------|------------|--|
| Signature | Considered |  |

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|                                   | Examiner Name          | Unknown         |  |
| (use as many sheets as necessary) | Attorney Docket Number | 100/03740       |  |

| CE | wo   | 98/55852 | Sundberg  | 12-10-1998 |  |
|----|------|----------|-----------|------------|--|
| CC | wo   | 98/56505 | Parce     | 12-17-1998 |  |
| CE | wo   | 98/56956 | Kopf-Sill | 12-17-1998 |  |
| CE | wo   | 99/00649 | Jensen    | 01-07-1999 |  |
| CF | wo   | 99/10735 | Chow      | 03-04-1999 |  |
| CG | wo   | 99/12016 | Chow      | 03-11-1999 |  |
| CH | wo   | 99/16162 | Parce     | 04-01-1999 |  |
| CI | wo   | 99/19056 | Kopf-Sill | 04-22-1999 |  |
| CJ | wo   | 99/19516 | Nikiforov | 04-22-1999 |  |
| CK | wo   | 99/29497 | Kennedy   | 06-17-1999 |  |
| CL | wo   | 99/31495 | Dubrow    | 06-24-1999 |  |
| CN | 1 WO | 99/34205 | Gallagher | 07-08-1999 |  |

|                      |             | OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS   |   |
|----------------------|-------------|---|---|
| Examiner<br>Initials | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Т |
|                      | CN          | DASGUPTA, P.K. et al., "Electroosmosis: A Reliable Fluid Propulsion System for Flow Injection Analysis," <u>Anal. Chem.</u> (1994) 66:1792-1798   |   |
|                      | СО          | JACOBSON, S.C. et al., "Fused Quartz Substrates for Microchip Electrophoresis," <u>Anal.</u> <u>Chem.</u> (1995) 67:2059-2063   |   |
|                      | СР          | MANZ, A. et al., "Capillary electrohoresis integrated onto a planar microstructure," <u>Analysis Mag.</u> (1994) 22(9):25-28  |   |
|                      | CQ          | MANZ, A. et al., "Electroosmotic pumping and electrophoretic separations for miniaturized chemical analysis systems," J. Micromech. Microeng. (1994) 4:257-265  |   |
|                      | CR          | RAMSEY, J.M. et al., "Microfabricated chemical measurement systems," Nature Med. (1995) 1:1093-1096   |   |
|                      | cs          | SEILER, K. et al., "Planar Glass Chips for Capillary Electrophoresis: Repetitive Sample Injection, Quantitation, and Separation Efficiency," <u>Anal. Chem.</u> (1993) 65:1481-1488   |   |
|                      | СТ          | SEILER, K. et al., "Electroosmotic Pumping and Valveless Control of Fluid Flow Within a Manifold of Capillaries on a Glass Chip," <u>Anal. Chem.</u> (1994) 66:3485-3491  |   |
|                      | CU          | YOUNG, J. "Lab on a chip" <u>Forbes</u> (September 23, 1996)  |   |

| Examiner  | Date       |  |
|-----------|------------|--|
| Signature | Considered |  |

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